

HAMILTON STANDARD 3E PROPELLER T.C. 246

Type	Hydraulically controllable - not feathering (see NOTES 3 and 4)
Blade shank	E
Engine shaft	SAE No. 50 or X (X indicates special shaft sizes for foreign engines are eligible)
Hub material	Steel
Blade material	Aluminum alloy
Number of blades	3
Hubs eligible	3E50, 3E40, 3EX, S8452, 50001, 50045, and 50300 (see NOTE 1)

Blades Eligible (See NOTE 2)	Maximum Continuous		Takeoff		Propeller Diameter Limits	Weight Complete (Max. Diameter) (lb.)	NOTES
	HP	RPM	HP	RPM			
6091A-0 to 6091A-24 6092A-0 is the left hand version of 6091A-0	1050	1790	1200	1969	10'6-1/4" - 8'6-1/4" (-0 to -24)	310	5
6103A-0 to 6103A-18 6104A-0 is the left hand version of 6103A-0	1050	1700	1200	1870	11'6-1/4" - 10'1/4" (-0 to -18)	313	5
6105A-0 to 6105A-24 6106A-0 is the left hand version of 6105A-0	1050	1790	1200	1969	13'1/4" - 11'1/4" (-0 to -24) Telescoped to 10'4" (-33T)	356	6 5
6111A-0 to 6111A-18 6112A-0 is the left hand version of 6111A-0	1050	1700	1200	1870	11'6-1/4" - 10'1/4" (-0 to -18)	338	5
6157A-0 to 6157A-24 6158A-0 is the left hand version of 6157A-0	1050	1790	1200	1969	10'6-1/4" - 8'6-1/4" (-0 to -24)	310	5
6227A-0 to 6227A-24 6228A-0 is the left hand version of 6227A-0	1050	1790	1200	1969	10'6-1/4" - 8'6-1/4" (-0 to -24)	310	6 5
6249A-0 to 6249A-24 6250A-0 is the left hand version of 6249A-0	1050	1790	1200	1969	13'1/4" - 11'1/4" (-0 to -24)	356	5

Certification Basis Type Certificate No. 246. (Expired 1/1/49. No propellers of this model manufactured after that date eligible for use on certificated aircraft.)

NOTE 1. Hub Model Designation. A dash and number or a letter added to the hub model designation indicates a minor change which does not affect the eligibility.

NOTE 2. Blade Model Designation. A dash and a number (specifying inches) added to the blade model designation indicates that the propeller diameter is reduced from the design basic diameter specified by the number of inches indicated. This number suffixed with "T" indicates a reduction by Telescoping. Telescoped blades are eligible at the same rating and diameter limitations as cut-off blades.

NOTE 3. Pitch Control. Eligible with Hamilton Standard manual control or constant speed governor only.

NOTE 4. Feathering. Not applicable.

NOTE 5. Left Hand Models. The left hand version of an approved model propeller is eligible at the same rating and diameter limitations as listed for the right hand model propeller.

NOTE 6. Interchangeable Blades. Only blades listed in the same group of the following listed groups are sufficiently similar aerodynamically and vibrationwise to permit interchangeability in the same diameter without a flight test. Blades with different model numbers, however, should not be incorporated in the same propeller, and reference should always be made to the ratings of the blades.
Group (a) 6157A and 6227A
Group (b) 6105A and 6249A

NOTE 7. Accessories. Eligible with the following accessory equipment:

- (a) Deicing slinger ring assemblies:
Air Associates Models HC-299 (weight 1-3/4 lb. and fits HC-180-B brake).
QC-275 (weight 1-1/2 lb. and fits HC-200 brake).
Siebenthaler (19 lb. includes spinner).
- (b) Brakes:
Air Associates Models HC-180-B (14 lb.); HC-200-B (15-1/2 lb.).